TRANSMITTAL SLIP

DATE 10/16/63

TO: STAT

ROOM NO.	BUILDING

REMARKS:

Would you like to get the Merritt treatment as per attached proposal? Please advise and we will set up.

FROM: STAT

ROOM NO.	BUILDING	EXTENSION

FORM NO. 241 REPLACES FORM 36-8 ☆ GPO : 1957—O-439445 (47)

MEMORANDUM FOR: Mr Amidon -

I would say no. They look like interesting lectures, but I do not think they apply directly enough to our work for us to get the Merrett treatment

[redacted]

24 January 72
(DATE)

STAT

...TING SLIP

1-FILE
Contract Dupo -

FROM: O/Dir

DATE: 20 June 63

TO		INITIALS	DATE	FOR YOUR: SIGNATURE	INFORMATION	COMMENTS	CONCURRENCE	APPROVAL	ACTION	SEE REMARKS BELOW	FILE	RETURN	SEE ME	
DIR	3		6/28											STAT
DEP/DIR														
EXEC/DIR														
ASST FOR OPS														
ASST FOR ADMIN														
ASST FOR P&D	2		27 June											STAT
CH/CSD														
CH/PSD														
CH/PD														
CH/TID	1		24 June 63				RJP							STAT
SIO/CIA (PID)														
SIO/ARMY														
SIO/NAVY														
SIO/AF														
LO/DIA														
LO/NSA														

REMARKS:

* See ACL's note on yellow slip.

(OVER)

THE Autometric CORPORATION

400 N. WASHINGTON STREET ALEXANDRIA, VIRGINIA PHONE 836-3700

June 12, 1963

Mr. Arthur Lundahl

STAT

Dear Mr. Lundahl:

It is my desire to treat three subjects conceptually with the aid of slides for information purposes only. The slides are 2-3/4 × 2-3/4 adapted to my own projector which I will bring.

The three subjects have the following titles:

1. Determination of Lunar Motions Essential to Star Navigation on the Moon (60 minutes - 25 slides)
2. Geocentric positions with Star-Moon Photography (30 minutes - 10 slides)
3. New First Order Zenith Camera (30 minutes - no slides) The zenith camera will be demonstrated in place of showing slides.

The research and development of each of the above items has been a wholly "in-house-effort" of The Autometric Corporation. The effort on the first consisted largely of reviewing the literature to insure that the problem had not been previously solved and programming the equations of the new method with random errors assigned to determine the expected accuracy.

The second effort consisted of the design, fabrication and observatory site test of a new type of equatorially mounted star-moon camera.

The third effort consisted of the design, fabrication and field test for accuracy of a new first order zenith camera as well as the complete programming and debugging of the associated data reduction equations.

Finally, The Autometric Corporation has a study contract with ERDL to determine the accuracy of the geocentric position system with the corporation's prototype at a corporation observatory.

Enclosed are the abstracts of the three subjects.

I hope I have given you sufficient information for planning for the presentation.

Sincerely,

Everett L. Merritt

Everett L. Merritt
Head, Data Acquisition Dept.
The Autometric Corporation
400 N. Washington Street
Alexandria, Virginia

ELM:lml

Enclosures